

























G. Ahmadi

ME 637-Particle-II



















Fichman et al. Model 🔐	rkson versity
Flow Field $U^+ = y^+$	
$ \begin{array}{l} v^{+} = B \phi = 0.625 B^{3} y^{+2} \\ \phi = 0.625 \eta^{2}, \eta = B y^{+}, \qquad B = 0.271 \end{array} \} \mbox{ for } y^{+} \leq 2 \\ \end{array} $	
$ \begin{array}{l} v^{+}=c\phi=0.24c-0.71c^{2}y^{+} \\ \phi=0.71\eta-0.24, \qquad \eta=cy^{+}, \qquad c=0.174 \end{array} \} for 2\leq y^{+}\leq 7 \\ \end{array} $	
$ \begin{array}{l} U^{+}=0.3y^{+}+0.5\\ v^{+}=c\phi=0.6c-c^{2}y^{+}, \ \phi=\eta-0.6 \end{array} \right\} for 7\leq y^{+}\leq 30 \\ \end{array} $	
ME 637-Particle-II	G. Ahmadi

























